

TDMS No. 20537 - 02

Test Type: 90-DAY

Route: INTRADUCTAL CANNULATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Adenoviral Vector (AdhAQP1)

CAS Number: ADNVIRVECAQP

Date Report Requested: 09/10/2009

Time Report Requested: 11:38:02

First Dose M/F: NA / 07/25/05

Lab: MBA

F1_R2_14Wk_TSAC

C Number: C20537

Lock Date: 11/19/2007

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25021 TSAC

Removal Date Range: ALL

Treatment Groups: Include 005 VEHCONTRCOHRTE Include 010 2-8ADHAQP1COHTE Include 015 8-9ADHAQP1COHTE
Include 020 2-11ADHAQP1COHTE

Study Gender: Female

TDMSE Version: 2.1.0

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DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2
<hr/>					
FISCHER 344 RATS FEMALE VEHCONTRCOHRTE	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	2	2	2	2	2
<hr/>					
* TOTALS					

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	5
Intestine Large, Cecum	+	+	+	+	+	5
Intestine Large, Colon	+	+	+	+	+	5
Intestine Large, Rectum	+	+	+	+	+	5
Intestine Small, Duodenum Mucosa, Hyperplasia	+	+	+	+	+	5
			3			1 3.0
Intestine Small, Ileum	+	+	+	+	+	5
Intestine Small, Jejunum	+	+	+	+	+	5
Liver Inflammation	+	+	+	+	+	5
	2	2	1	2	1	5 1.6
Oral Mucosa	+	+	+	+	+	5
Pancreas	+	+	+	+	+	5
Salivary Glands Right, Submandibular Gland, Regeneration	+	+		+	+	4
	1	1		1	1	4 1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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2) Mild 4) Marked

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DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2
				
FISCHER 344 RATS FEMALE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
VEHCONTRCOHRTE	1	1	1	1	1
	2	2	2	2	2
	1	2	3	4	5
				
* TOTALS				

Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5
Tongue	+	+	+	+	+	5

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	5
Heart Cardiomyopathy	+	+	+	+	+	5

1 1.0

ENDOCRINE SYSTEM

Adrenal Cortex Hypertrophy, Focal	+	+	+	+	+	5
			1			1 1.0
Adrenal Medulla	+	+	+	+	+	5
Islets, Pancreatic	+	+	+	+	+	5
Parathyroid Gland	+	+	+	+	+	5

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DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2

FISCHER 344 RATS FEMALE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
VEHCONTRCOHRTE	1	1	1	1	1
	2	2	2	2	2
	1	2	3	4	5

* TOTALS

Pituitary Gland

+ + + + + 5

Thyroid Gland

+ + + + + 5

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ + + + + 5

Ovary

+ + + + + 5

Uterus

+ + + + + 5

HEMATOPOIETIC SYSTEM

Bone Marrow

+ + + + + 5

Lymph Node, Mandibular

M M M M M 0

Lymph Node, Mesenteric

+ + + + + 5

Spleen

+ + + + + 5

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DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2
				
FISCHER 344 RATS FEMALE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
VEHCONTRCOHRTE	1	1	1	1	1
	2	2	2	2	2
	1	2	3	4	5
	* TOTALS				
Thymus	+	+	+	+	+
					5

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	5
Skin	+	+	+	+	+	5

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	5
------	---	---	---	---	---	---

NERVOUS SYSTEM

Brain	+	+	+	+	+	5
-------	---	---	---	---	---	---

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5

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	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2

FISCHER 344 RATS FEMALE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
VEHCONTRCOHRTE	1	1	1	1	1
	2	2	2	2	2
	1	2	3	4	5

* TOTALS

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	5
Harderian Gland Inflammation	+	+	+	+	+	5
	1	1				2 1.0

URINARY SYSTEM

Kidney Nephropathy	+	+	+	+	+	5
Urinary Bladder	+	+	+	+	+	5
						1 1.0

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	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2
FISCHER 344 RATS FEMALE 2-8ADHAQP1COHTE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	1	1	1	1	1
	4	4	4	4	5
	6	7	8	9	0

*** TOTALS****ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	5
Intestine Large, Cecum	+	+	+	+	+	5
Intestine Large, Colon	+	+	+	+	+	5
Intestine Large, Rectum	+	+	+	+	+	5
Intestine Small, Duodenum	+	+	+	+	+	5
Intestine Small, Ileum	+	+	+	+	+	5
Intestine Small, Jejunum	+	+	+	+	+	5
Liver Inflammation	+	+	+	+	+	5
	3	3	2	2	3	5 2.6
Oral Mucosa	+	+	+	+	+	5
Pancreas	+	+	+	+	+	5
Salivary Glands Right, Submandibular Gland, Regeneration	+	+	+	+		4
	1	2	1	1		4 1.3

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	9	9	9	9	9
	2	2	2	2	2
FISCHER 344 RATS FEMALE	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	4	4	4	4	5
	6	7	8	9	0
					* TOTALS
Stomach, Forestomach	+	+	+	+	+
					5
Stomach, Glandular	+	+	+	+	+
					5
Tongue	+	+	+	+	+
					5

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	5
Heart Cardiomyopathy	+	+	+	+	+	5
	1	1	1			3 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Islets, Pancreatic	+	+	+	+	+	5
Parathyroid Gland	+	+	+	+	+	5
Pituitary Gland	+	+	+	+	+	5

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	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2
FISCHER 344 RATS FEMALE 2-8ADHAQP1COHTE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	1	1	1	1	1
	4	4	4	4	5
	6	7	8	9	0
	* TOTALS				
Thyroid Gland	+	+	+	+	+
					5

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	5
Ovary	+	+	+	+	+	5
Uterus	+	+	+	+	+	5

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	5
Lymph Node, Mandibular	M	M	M	M	M	0
Lymph Node, Mesenteric	+	+	+	+	+	5
Spleen	+	+	+	+	+	5
Thymus	+	+	+	+	+	5

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DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2

FISCHER 344 RATS FEMALE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
2-8ADHAQP1COHTE	1	1	1	1	1
	4	4	4	4	5
	6	7	8	9	0

*** TOTALS****INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	5
Skin	+	+	+	+	+	5

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	5
------	---	---	---	---	---	---

NERVOUS SYSTEM

Brain	+	+	+	+	+	5
-------	---	---	---	---	---	---

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5

SPECIAL SENSES SYSTEM

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DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2
FISCHER 344 RATS FEMALE 2-8ADHAQP1COHTE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	1	1	1	1	1
	4	4	4	4	5
	6	7	8	9	0

*** TOTALS**

Eye	+	+	+	+	+	5
Harderian Gland Inflammation	+	+	+	+	+	5
	1		1			2 1.0

URINARY SYSTEM

Kidney	+	+	+	+	+	5
Urinary Bladder	+	+	+	+	+	5

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	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2

FISCHER 344 RATS FEMALE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
8-9ADHAQP1COHTE	1	1	1	1	1
	7	7	7	7	7
	1	2	3	4	5

*** TOTALS****ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	5
Intestine Large, Cecum	+	+	+	+	+	5
Intestine Large, Colon	+	+	+	+	+	5
Intestine Large, Rectum	+	+	+	+	+	5
Intestine Small, Duodenum	+	+	+	+	+	5
Intestine Small, Ileum	+	+	+	+	+	5
Intestine Small, Jejunum	+	+	+	+	+	5
Liver	+	+	+	+	+	5
Inflammation	1	1	2	2	2	5 1.6
Oral Mucosa	+	+	+	+	+	5
Pancreas	+	+	+	+	+	5
Salivary Glands	+		+	+		3
Left, Submandibular Gland, Regeneration				1		1 1.0
Parotid Gland, Right, Regeneration				1		1 1.0

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	0	0	0	0	0	
	9	9	9	9	9	
	2	2	2	2	2	
FISCHER 344 RATS FEMALE ANIMAL ID 8-9ADHAQP1COHTE	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
	1	2	3	4	5	
					* TOTALS	
Right, Submandibular Gland, Regeneration	1		1		2 1.0	
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5
Tongue	+	+	+	+	+	5

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	5
Heart Cardiomyopathy	+	+	+	+	+	5
	1				1	2 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Islets, Pancreatic	+	+	+	+	+	5
Parathyroid Gland	+	+	+	+	+	5

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	9	9	9	9	9
	2	2	2	2	2

FISCHER 344 RATS FEMALE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
8-9ADHAQP1COHTE	1	1	1	1	1
	7	7	7	7	7
	1	2	3	4	5

*** TOTALS**

Pituitary Gland	+	+	+	+	+	5
Thyroid Gland	+	+	+	+	+	5

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	5
Ovary	+	+	+	+	+	5
Uterus	+	+	+	+	+	5

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	5
Lymph Node, Mandibular	M	M	M	M	M	0
Lymph Node, Mesenteric	+	+	+	+	+	5
Spleen	+	+	+	+	+	5

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	9	9	9	9	9
	2	2	2	2	2
				
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8-9ADHAQP1COHTE	1	1	1	1	1
	7	7	7	7	7
	1	2	3	4	5
	* TOTALS				
Thymus	+	+	+	+	+
					5

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	5
Skin	+	+	+	+	+	5

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	5
------	---	---	---	---	---	---

NERVOUS SYSTEM

Brain	+	+	+	+	+	5
-------	---	---	---	---	---	---

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20537 - 02

Test Type: 90-DAY

Route: INTRADUCTAL CANNULATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Adenoviral Vector (AdhAQP1)

CAS Number: ADNVIRVECAQP

Date Report Requested: 09/10/2009

Time Report Requested: 11:38:02

First Dose M/F: NA / 07/25/05

Lab: MBA

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2
FISCHER 344 RATS FEMALE ANIMAL ID 8-9ADHAQP1COHTE	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
	1	2	3	4	5

* TOTALS

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5

URINARY SYSTEM

Kidney	+	+	+	+	+	5
Urinary Bladder	+	+	+	+	+	5

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Lab: MBA

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2
FISCHER 344 RATS FEMALE 2-11ADHAQP1COHTE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	1	1	1	1	2
	9	9	9	9	0
	6	7	8	9	0

*** TOTALS****ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	5
Intestine Large, Cecum	+	+	+	+	+	5
Intestine Large, Colon	+	+	+	+	+	5
Intestine Large, Rectum	+	+	+	+	+	5
Intestine Small, Duodenum	+	+	+	+	+	5
Intestine Small, Ileum	+	+	+	+	+	5
Intestine Small, Jejunum	+	+	+	+	+	5
Liver Inflammation	+	+	+	+	+	5
	1	3	1	3	2	5 2.0
Oral Mucosa	+	+	+	+	+	5
Pancreas	+	+	+	+	+	5
Salivary Glands	+	+			+	3
Right, Submandibular Gland, Inflammation					1	1 1.0
Right, Submandibular Gland, Regeneration	1	1			1	3 1.0

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	2	2	2	2	2
FISCHER 344 RATS FEMALE 2-11ADHAQP1COHTE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	1	1	1	1	2
	9	9	9	9	0
	6	7	8	9	0

* TOTALS

Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5
Tongue	+	+	+	+	+	5

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	5
Heart Cardiomyopathy	+	+	+	+	+	5

2 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Islets, Pancreatic	+	+	+	+	+	5
Parathyroid Gland	+	+	+	+	+	5
Pituitary Gland	+	+	+	+	+	5

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	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2
				
FISCHER 344 RATS FEMALE 2-11ADHAQP1COHTE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	1	1	1	1	2
	9	9	9	9	0
	6	7	8	9	0
				

*** TOTALS**

Thyroid Gland

+ + + + + 5

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ + + + + 5

Ovary

+ + + + + 5

Uterus

+ + + + + 5

HEMATOPOIETIC SYSTEM

Bone Marrow

+ + + + + 5

Lymph Node, Mandibular

M M M M M 0

Lymph Node, Mesenteric

+ + + + + 5

Spleen

+ + + + + 5

Thymus

+ + + + + 5

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	9	9	9	9	9
	2	2	2	2	2
FISCHER 344 RATS FEMALE	0	0	0	0	0
2-11ADHAQP1COHTE	0	0	0	0	0
ANIMAL ID	1	1	1	1	2
	9	9	9	9	0
	6	7	8	9	0

*** TOTALS****INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+		+	4
Skin	+	+	+	+	+	5

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	5
------	---	---	---	---	---	---

NERVOUS SYSTEM

Brain	+	+	+	+	+	5
-------	---	---	---	---	---	---

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5

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	0	0	0	0	0
	9	9	9	9	9
	2	2	2	2	2
FISCHER 344 RATS FEMALE 2-11ADHAQP1COHTE	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	1	1	1	1	2
	9	9	9	9	0
	6	7	8	9	0

* TOTALS

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5

URINARY SYSTEM

Kidney	+	+	+	+	+	5
Cyst, Multiple		X	X			2
Urinary Bladder	+	+	+	+	+	5

*** END OF REPORT ***

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